

# Converting Colors

HunterLab(51.7361, 3.0835,  
1.7467)

Have a look what the booklet for  
HunterLab(51.7361, 3.0835, 1.7467)  
contains.

**HunterLab(51.6500, 3.3261, 1.5963) ..... 3**  
    ***Conversions*** ..... 4  
    ***Details*** ..... 6  
    ***Harmonies*** ..... 12  
    ***Previews*** ..... 24  
    ***Color Blindness Simulation*** ..... 28  
    ***CSS Examples*** ..... 31

# Color

**HunterLab(51.6500, 3.3261,  
1.5963)**

# Conversions

Conversions Part 1	
Format	Color
Hex	998990
RGB	153, 137, 144
RGB Percent	60%, 54%, 56%
CMY	0.4000, 0.4627, 0.4353
CMYK	0.00, 0.10, 0.06, 0.40
HSL	334°, 7%, 57%
HSV	334°, 10%, 60%
XYZ	27.1166, 26.6772, 30.1055
YIQ	142.5820, 7.2890, 5.5690

# Conversions

## Conversions Part 2

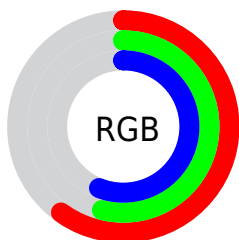
Format	Color
<a href="#">RYB</a>	<a href="#">153, 137, 144</a>
Decimal	<a href="#">10062224</a>
CIELab	<a href="#">58.68, 7.28, -1.54</a>
CIELCh	<a href="#">59, 7.444, 348.027</a>
Yxy	<a href="#">26.6784, 0.3232, 0.3180</a>
Android (android.graphics.Color)	<a href="#">4288252304</a> (0xFF998990)
YUV	<a href="#">142.5820, 0.6991, 9.1366</a>
Hunter-Lab	<a href="#">51.6500, 3.3261, 1.5963</a>

# Details

The HunterLab color  $51.6500, 3.3261, 1.5963$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $54.9335, -8.7346, 4.3444$ , and the grayscale version is  $52.2385, -2.7873, 2.8382$ .

A 20% lighter version of the original color is  $73.6000, 2.9861, 2.3657$ , and  $32.3254, 3.6646, 0.5598$  is the 20% darker color. If you saturate the color by 10%, you get  $47.3066, 9.5117, 0.4064$ , and if you desaturate by 10%, it is  $56.2269, -2.7383, 2.9984$ .

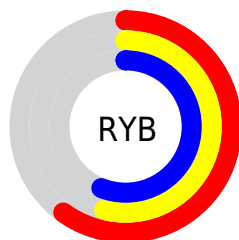
# Distribution



Red (60%)

Green (54%)

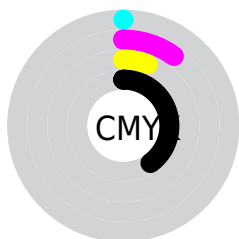
Blue (56%)



Red (60%)

Yellow (54%)

Blue (56%)

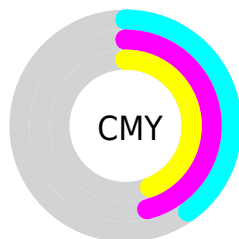


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6500, 3.3261, 1.5963 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 51.6500, 3.3261, 1.5963 by changing the saturation by 10% instead.





 51.6500, 3.3261,  
1.5963


 51.6500, 3.3261,  
1.5963


169.1439, -0.1107,  
7.4154

 41.6315, 3.4576,  
1.1339


 73.7342, 2.8792,  
2.6497

 32.3595, 3.5199,  
0.7178


 85.7196, 2.5779,  
3.2332

 23.9010, 3.5001,  
0.3542

 98.2921, 2.2299,  
3.8518

 16.3435, 3.3808,  
0.0507

111.4255, 1.8386,  
4.5037

 9.8109, 3.1345,  
-0.1810

125.0967, 1.4067,  
5.1873

0.0000, INF, NaN

0.0000, NaN, NaN


139.2853, 0.9365,


5.9012


0.0000, NaN, NaN


153.9732, 0.4301,  
6.6443


0.0000, NaN, NaN


 51.6500, 3.3261,  
1.5963


 51.6500, 3.3261,  
1.5963


 47.3066, 9.5117,  
0.4064


 56.2269, -2.7383,  
2.9984


 43.2325, 15.7948,  
-0.5195


 61.0020, -8.6731,  
4.5680


 39.4772, 22.1045,  
-1.1120


 65.9510, -14.4874,  
6.2742


 36.0980, 28.3039,  
-1.2893


 71.0532, -20.1945,  
8.0926


 33.1601, 34.1612,  
-0.9649


 76.2919, -25.8092,  
10.0048


 30.7305, 39.3358,  
-0.0674


 81.6531, -31.3461,  
11.9965


 28.8655, 43.4130,  
1.4257

 87.1255, -36.8187,  
14.0567

 27.5913, 46.0202,  
3.4499

 91.1535, -40.2817,  
14.5764

 26.7894, 47.3868,  
5.6116

 91.3991, -38.8425,  
11.0509

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.6511, 1.8398, -1.2081



51.6500, 3.3261, 1.5963



51.6511, 3.1510, 4.5696

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.6511, 3.3247, 1.5972



51.6511, -4.6269, 8.0146



51.6511, -6.7624, -1.6760

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.6500, 3.3261, 1.5963



54.9335, -8.7346, 4.3444

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.6511, -8.4142, 0.9894



51.6500, 3.3261, 1.5963



51.6511, -7.2018, 6.5320

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.6511, 3.3247, 1.5972



51.6511, -1.4913, 8.1555



51.6511, -8.5730, 3.9970



51.6511, -4.0140, -3.1726



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.6500, 3.3261, 1.5963



51.6511, 2.1185, 6.2491



51.6511, -8.5730, 3.9970



51.6511, -7.4615, -0.8799

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.6511, 3.3247, 1.5972



73.6230, -1.5687, 3.5006



51.2691, 2.5944, -3.2152



34.3727, -0.4457, 1.5754



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.6511, 3.3247, 1.5972



67.4593, 6.7526, 1.6598



51.6713, 1.8559, 4.7141



25.0306, 1.2332, 0.8435



24.3677, 43.1284, 4.9093



3.0968, 5.6979, -1.0581



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51.6511, 3.3247, 1.5972



67.4593, 6.7526, 1.6598



54.9003, -7.2230, 1.1557



25.0306, 1.2332, 0.8435



24.3677, 43.1284, 4.9093



3.0968, 5.6979, -1.0581



# Previews

## White Background



This preview shows how the HunterLab color 51.6500, 3.3261, 1.5963 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

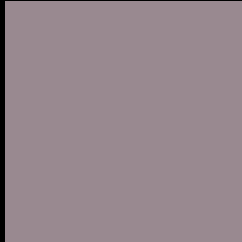
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 51.6500, 3.3261, 1.5963 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

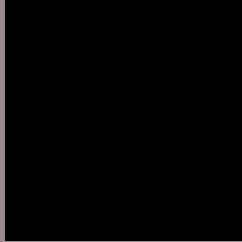
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 51.6500, 3.3261, 1.5963 Background



This preview shows how black text looks on a background with the HunterLab color 51.6500, 3.3261, 1.5963.



This preview shows how white text looks on a background with the HunterLab color 51.6500, 3.3261,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

51.6500, 3.3261, 1.5963

### Protanopia

51.5580, -1.1748, 0.4769

### Deuteranopia

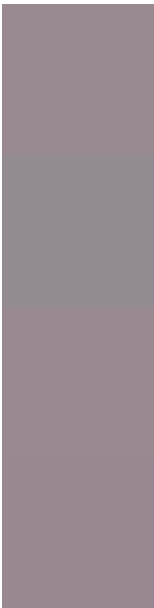
51.7445, 3.6434, 1.7154



## Tritanopia

51.4657, 4.2995, -0.0121

# Trichromacy



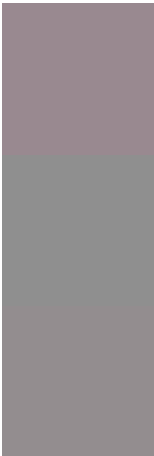
**Original Color**  
51.6500, 3.3261, 1.5963

**Protanomaly**  
51.5951, 0.3422, 1.0154

**Deuteranomaly**  
51.7445, 3.6434, 1.7154

**Tritanomaly**  
51.4353, 4.1372, 0.4197

# Monochromacy



**Original Color**  
51.6500, 3.3261, 1.5963

**Achromatopsia**  
52.4097, -2.7964, 2.8475

**Achromatomaly**  
52.1881, -0.6379, 2.6240

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.6500, 3.3261, 1.5963 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(153, 137, 144) looks like.

```
.text, #text, p{  
    color:rgb(153, 137, 144)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 137, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 137, 144) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.6500, 3.3261, 1.5963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 137, 144) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 137, 144) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 137, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 137, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 137, 144);  
box-shadow:4px 4px 4px 4px rgb(153, 137,  
144) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.6500, 3.3261, 1.5963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 137, 144) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
137, 144) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor